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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

: Docket No.: CV-0039
(Previous Docket No. CC-0649)

JOHN MOON ET AL

: Group No.: 2872

Serial No.: 10/645,686

: Confirmation: 8291

Filed: August 20, 2003

Title: Diffraction Grating-based Encoded Micro-particles for Multiplexed Experiments

Commissioner of Patent and Trademarks
P.O. Box 1450
Alexandria, VA 22313

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants submit herewith references in accordance with 37 CFR 1.56 and 37 CFR 1.97(b)(3) which is before the mailing date of a first Office action on the merits.

Also enclosed is form PTO1449 listing the cited reference.

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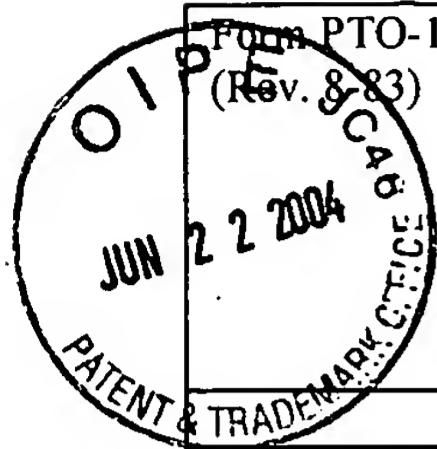
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Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. CV-0039	Serial No. 10/645,686	
		Information Disclosure Citation (Use several sheets if necessary)		Applicant: John Moon et al		
				Filing Date: August 20, 2003	Group Art Unit:	
U. S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

	RE37,473	12/2001	Challener			
	RE37,891	10/2002	Collins et al			
	RE 33,581	4/1991	Nicoli et al			
	3,968,476	7/1976	McMahon			
	4,011,435	1/1977	Phelps			
	4,023,010	5/1977	Horst et al			
	4,053,228	10/1977	Schiller			
	4,131,337	12/1978	Moraw et al			
	4,386,274	5/1983	Altshuler			
	4,445,229	4/1984	Tasto et al			
	4,560,881	12/1985	Briggs			
	4,562,157	12/1985	Lowe et al			
	4,647,544	3/1993	Nicoli et al			
	4,678,752	7/1987	Thorne et al			
	4,685,480	8/1987	Eck			
	4,740,688	4/1988	Edwards			
	4,748,110	5/1988	Paul			
	4,767,719	8/1998	Finlan			
	4,816,659	3/1989	Bianco et al			
	4,841,140	6/1989	Sullivan et al			
	4,877,747	10/1989	Stewart			
	4,880,752	11/1989	Keck et al			
	4,882,288	11/1989	North et al			
	4,921,805	5/1990	Gebeyehu et al			
	4,931,384	6/1990	Layton et al			
	4,958,376	9/1990	Leib			
	4,992,385	2/1991	Godfrey			
	5,003,600	3/1991	Deason			
	5,033,826	7/1991	Kolner			
	5,067,155	11/1991	Bianco et al			
	5,081,012	1/1992	Flanagan et al			
	5,089,387	2/1992	Tsay et al			
	5,095,194	3/1992	Barbanell			
	5,100,238	3/1992	Nailor et al			
	5,115,121	5/1992	Bianco et al			
	5,118,608	6/1992	Layton et al			
	5,138,468	8/1992	Barbanell			
	5,141,848	8/1992	Donovan et al			
	5,144,461	9/1992	Horan			
	5,166,813	11/1992	Metz			

	5,196,350	3/1987	Backman et al			
	5,200,794	4/1993	Nishiguma et al			
	5,291,006	3/1994	Hishiguma et al			
	5,291,027	3/1994	Kita et al			
	5,300,764	4/1995	Hoshino et al			
	5,310,686	5/1994	Sawyers et al			
	5,349,442	9/1994	Deason et al			
	5,352,582	10/1994	Lichtenwalter et al			
	5,364,797	11/1994	Olsen et al			
	5,374,816	12/1994	Bianco			
	5,374,818	12/1994	Bianco et al			
	5,394,234	2/1995	Bianco et al			
	5,442,433	8/1995	Hoshino et al			
	5,448,659	9/1995	Tsutsui et al			
	5,451,528	9/1995	Raymoure et al			
	5,461,475	10/1995	Lerner et al			
	5,465,176	11/1995	Bianco et al			
	5,468,649	11/1995	Shah et al			
	5,506,674	4/1996	Inoue et al			
	5,514,785	5/1996	Van Ness et al			
	5,528,045	6/1996	Hoffman et al			
	5,547,849	8/1996	Baer et al			
	5,585,639	12/1996	Dorsal et al			
	5,607,188	3/1997	Bahns et al			
	5,621,515	4/1997	Hoshino			
	5,627,040	5/1997	Bierre et al			
	5,627,663	5/1997	Horan et al			
	5,633,724	05/1997	King et al			
	5,663,790	9/1997	Ekstrom et al			
	5,667,976	9/1997	Van Ness et al			
	5,671,308	9/1997	Inoue et al			
	5,712,912	1/1998	Tomko et al			
	5,721,435	2/1998	Troll			
	5,729,365	05/1998	Sweatt			
	5,736,330	4/1998	Fulton			
	5,742,432	4/1998	Bianco			
	5,759,778	6/1998	Li et al			
	5,760,961	06/1998	Tompkin et al			
	5,766,956	6/1998	Groger et al			
	5,793,502	8/1998	Bianco et al			
	5,798,273	8/1998	Shuler et al			
	5,799,231	8/1998	Gates et al			
	5,801,857	09/1998	Heckenkamp et al			
	5,804,384	9/1998	Muller et al			
	5,822,472	10/1998	Danielzik et al			
	5,824,478	10/1998	Muller			
	5,824,557	10/1998	Burke et al			
	5,831,698	11/1998	Depp et al			
	5,837,475	11/1998	Dorsal et al			
	5,841,555	11/1998	Bianco et al			

	5,846,737	12/1998	Kang			
	5,874,187	2/1999	Colvin et al			
	5,895,750	4/1999	Mushahwar et al			
	5,922,550	7/1999	Everhart et al			
	5,925,562	7/1999	Nova et al			
	5,925,878	7/1999	Challener			
	5,945,679	8/1999	Dorsal et al			
	5,986,838	11/1999	Thomas, III			
	5,989,923	11/1999	Lowe et al			
	5,998,796	12/1999	Liu et al			
	6,001,510	12/1999	Meng et al			
	6,017,754	1/2000	Chestnut et al			
	6,025,129	2/2000	Nova et al			
	6,025,283	2/2000	Roberts			
	6,036,807	3/2000	Brongers			
	6,043,880	3/2000	Andrews et al			
	6,046,925	4/2000	Tsien et al			
	6,049,727	4/2000	Crothall			
	6,057,107	5/2000	Fulton			
	6,060,256	5/2000	Everhart et al			
	6,067,167	5/2000	Atkinson et al			
	6,067,392	5/2000	Wakami et al			
	6,078,048	6/2000	Stevens et al			
	6,087,186	7/2000	Cargill et al			
	6,096,496	8/2000	Frankel			
	6,097,485	8/2000	Lievan			
	6,103,535	8/2000	Pilevar et al			
	6,118,127	9/2000	Liu et al			
	6,160,240	12/2000	Momma et al			
	6,160,656	12/2000	Mossberg et al			
	6,164,548	12/2000	Curiel			
	6,165,592	12/2000	Berger et al			
	6,165,648	12/2000	Colvin et al			
	6,194,563	2/2001	Cruickshank			
	6,218,194	04/2001	Lyndin et al			
	6,221,579	4/2001	Everhart et al			
	6,229,635	5/2001	Wulf			
	6,259,450	7/2001	Chiabrera et al			
	6,268,128	7/2001	Collins et al			
	6,284,459	9/2001	Nova et al			
	6,292,282	9/2001	Mossberg et al			
	6,292,319	9/2001	Thomass III			
	6,301,047	10/2001	Hoshino et al			
	6,304,263	10/2001	Chiabrera et al			
	6,306,587	10/2001	Royer et al			
	6,309,601	10/2001	Juncosa et al			
	6,312,961	11/2001	Seul			
	6,313,771	11/2001	Munroe et al			
	6,314,220	11/2001	Mossberg et al			
	6,319,668	11/2001	Nova et al			

	6,322,932	11/2001	Colvin et al			
	6,329,963	12/2001	Chiabrera et al			
	6,331,273	12/2001	Nova et al			
	6,340,588	1/2002	Nova et al			
	6,352,854	3/2002	Nova et al			
	6,355,198	3/2002	Kim et al			
	6,371,370	4/2002	Sadler			
	6,372,428	4/2002	Nova et al			
	6,399,295	6/2002	Kaylor et al			
	6,406,841	6/2002	Lee et al			
	6,406,848	6/2002	Bridgham et al			
	6,416,714	7/2002	Nova et al			
	6,417,010	7/2002	Cargill et al			
	6,428,707	8/2002	Berg et al			
	6,428,957	8/2002	Delenstarr			
	6,433,849	8/2002	Lowe			
	6,436,651	8/2002	Everhart et al			
	6,489,606	12/2002	Kersey et al			
	6,496,287	12/2002	Seiberle et al			
	6,506,342	01/2003	Frankel			
	6,515,753	2/2003	Maher et al			
	6,522,406	2/2003	Rovira et al			
	6,524,793	2/2003	Chandler et al			
	6,533,183	5/2003	Aasmul			
	6,560,017	5/2003	Bianco			
	6,565,770	05/2003	Mayer et al			
	6,592,036	7/2003	Sadler			
	6,594,421	7/2003	Johnson et al			
	6,609,728	8/2003	Voerman et al			
	6,613,581	9/2003	Wada et al			
	6,618,342	9/2003	Johnson et al			
	6,622,916	9/2003	Bianco			
	6,628,439	09/2003	Shiozawa et al			
	6,632,655	3/2002	Mehta et al			
	6,635,470	10/2003	Vann			
	6,678,429	1/2004	Mossberg et al			
	6,689,316	2/2004	Blyth et al			
	6,692,912	2/2004	Boles et al			

FOREIGN PATENT DOCUMENTS												
Examiner Initial		Document Number					Date	Country		Class	Subclass	Translation Yes/No
		2	3	7	2	1	0	0	8/2002	United Kingdom		
		1	2	1	9	9	7	9	4/2001	European Patent		
		9	7	1	5	6	9	0	5/1997	World		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	Patent Number	Assignee, Inventor, Title, Date and Pertinent Pages
	US 2002/0090650 (Publication)	Quantum Dot Corp Empedocles et al Two-Dimensional Spectral Imaging System Parag. 0112,0116,0120,0162,0163,0168
	2003/0129654	Ilya Ravkin et al Coded Particles for Multiplexed Analysis of Biological Samples 07/2003
	2002/0022273 A1	Empedocles et al Differentiable Spectral Bar Code Methods and Systems 02/2002
	2003/0138208	Pawlak et al Grating Optical Waveguide Structure for Multi-Analyte Determinations and the Use Thereof 07/2003
	2003/0032203	Sabatini et al Small Molecule Microarrays 02/2003
	2003/0021003	McGrew Quantum Dot Security Device and Method 02/2002
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